

<div>PROJECT DESCRIPTION</div> <div>GENERAL THIS PROJECT INVOLVES THE INSTALLATION OF ADA COMPLIANT PEDESTRIAN PUSHBUTTONS TO THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 355 (FREDERICK ROAD) AND SHADY GROVE ROAD IN MONTGOMERY COUNTY, MARYLAND. MD 355 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.</div> <div>INTERSECTION OPERATION THE INTERSECTION OPERATION WILL REMAIN THE SAME.</div> <div>CONTROLLER REQUIREMENTS THE EXISTING BASE MOUNTED CABINET AND CONTROLLER WILL BE USED.</div>	<div>EQUIPMENT LIST "A"</div> <div>NO EQUIPMENT TO BE SUPPLIED BY SHA</div>	<div>EQUIPMENT LIST "B"</div> <div>B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR</div> <table><thead><tr><th>ITEM NO.</th><th>QUANTITY</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td>1001</td><td>1 EACH</td><td>MAINTENANCE OF TRAFFIC</td></tr><tr><td>2002</td><td>2 C.Y.</td><td>TEST PIT EXCAVATION</td></tr><tr><td>8009</td><td>2 EACH</td><td>BREAKAWAY PEDESTAL POLE (ANY SIZE)</td></tr><tr><td>8011</td><td>2 EACH</td><td>FURNISH AND INSTALL PUSHBUTTON AND SIGN</td></tr><tr><td>8013</td><td>1 EACH</td><td>REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT AS PER ASSIGNMENT</td></tr><tr><td>8016</td><td>30 L.F.</td><td>FURNISH AND INSTALL 2 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED</td></tr><tr><td>8023</td><td>25 S.F.</td><td>REMOVE AND RESET DECORATIVE BRICK PAVERS</td></tr><tr><td>8024</td><td>2 C.Y.</td><td>CONCRETE FOR SIGNAL FOUNDATION</td></tr><tr><td>8026</td><td>45 L.F.</td><td>FURNISH AND INSTALL NO. 6 A.W.G. STRANDED BARE COPPER GROUND WIRE</td></tr><tr><td>8057</td><td>2 EACH</td><td>CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE</td></tr><tr><td>8059</td><td>590 L.F.</td><td>FURNISH AND INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (NO. 14 A.W.G.)</td></tr></tbody></table>	ITEM NO.	QUANTITY	DESCRIPTION	1001	1 EACH	MAINTENANCE OF TRAFFIC	2002	2 C.Y.	TEST PIT EXCAVATION	8009	2 EACH	BREAKAWAY PEDESTAL POLE (ANY SIZE)	8011	2 EACH	FURNISH AND INSTALL PUSHBUTTON AND SIGN	8013	1 EACH	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT AS PER ASSIGNMENT	8016	30 L.F.	FURNISH AND INSTALL 2 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED	8023	25 S.F.	REMOVE AND RESET DECORATIVE BRICK PAVERS	8024	2 C.Y.	CONCRETE FOR SIGNAL FOUNDATION	8026	45 L.F.	FURNISH AND INSTALL NO. 6 A.W.G. STRANDED BARE COPPER GROUND WIRE	8057	2 EACH	CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE	8059	590 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (NO. 14 A.W.G.)
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<div>MAINTENANCE OF TRAFFIC</div> <div>THE FOLLOWING TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT. STANDARD NO. MD-104.04-01 (SHOULDER WORK) STANDARD NO. MD-104.04-03 (LEFT LANE CLOSURE) STANDARD NO. MD-104.04-05 (RIGHT LANE CLOSURE) STANDARD NO. MD-104.04-07 (CENTER LANE CLOSURE)</div>	<div>EQUIPMENT LIST "C"</div> <div>C. EQUIPMENT TO BE REMOVED AND RETURNED TO SHA ALL REMOVED SIGNAL MATERIALS SHALL BECOME PROPERTY OF THE CONTRACTOR</div>																																					
<div>PROJECT CONTACTS</div> <div>THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS: MR. LEE STARKLOFF, MONTGOMERY PHONE: (301) 513-7368 ASSISTANT DISTRICT ENGINEER - TRAFFIC MR. WAYNE MOWDY ASSISTANT DISTRICT ENGINEER - MAINTENANCE PHONE: (301) 513-7304 MR. AUGIE REBISH DISTRICT UTILITY ENGINEER PHONE: (301) 513-7350 MR. ROBERT GONZALES MONTGOMERY COUNTY TMC PHONE: (240) 777-8761 MR. RICHARD L. DAFF, SR. CHIEF, TRAFFIC OPERATIONS DIVISION PHONE: (410) 787-7630</div>																																						
<div>WIRING DIAGRAM</div> <div><div>WIRING KEY A } 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.) B } C } STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)</div></div>	<div>PHASE CHART</div> <div>THE INTERSECTION OPERATION WILL REMAIN THE SAME.</div>	<div><div><div></div><div>Whitman, Requardt and Associates, LLP 801 South Caroline Street Baltimore, Maryland 21231 (410) 235-3450</div></div><div><table><tr><td>DRAWN BY: S. BLOSS</td><td>F.A.P. NO.</td><td>TS. NO.</td></tr><tr><td>CHECKED BY: N. LEARY</td><td>S.H.A. NO.</td><td>2382B</td></tr><tr><td>SCALE: NONE</td><td>COUNTY: MONTGOMERY</td><td>T.I.M.S. NO. F739</td></tr><tr><td>DATE: 8/11/2004</td><td>LOG MILE:</td><td>2 OF 2</td></tr></table></div></div> <div><div></div><div>MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION GENERAL INFORMATION SHEET MD 355 (FREDERICK RD) & SHADY GROVE RD</div></div>	DRAWN BY: S. BLOSS	F.A.P. NO.	TS. NO.	CHECKED BY: N. LEARY	S.H.A. NO.	2382B	SCALE: NONE	COUNTY: MONTGOMERY	T.I.M.S. NO. F739	DATE: 8/11/2004	LOG MILE:	2 OF 2																								
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